



THE PROFESSIONAL WAY

ECOLITE WINDOWS
& PATIO DOORS



ECOLITE™ WINDOWS & PATIO DOORS



SHOWN ON THE COVER
White EcoLite™ Single Hung Window

SHOWN ON THIS PAGE
White EcoLite 2-Lite Sliding Patio Door



Table of Contents

Why Choose Vinyl	02	Understanding the NFRC Label.....	07
Window Features	04	Privacy and Tint.....	08
Patio Door Features.....	05	Grids.....	09
Window and Patio Door Types.....	06	MasterFit™ Trim.....	11
Glass Packages.....	07	Warranty Highlights	12

THE PROFESSIONAL WAY

ProVia® caters to a niche within the window and door market that demands a high degree of customization coupled with outstanding quality. Our company defines the products that meet this demand as "professional-class." We have found success by adhering to a set of core values that guide us as we develop rewarding, long-term relationships with our employees, customers and homeowners.



**Our Mission: To Serve, By Caring
for Details In Ways Others Won't**



**DOORS | WINDOWS
SIDING | STONE | ROOFING**



Doing Business Since 1977



1,900+ Associates Nationwide



**Multi-Time ENERGY STAR®
Partner of the Year Award Winner**



**90%+ Windows & Doors are
ENERGY STAR® Certified**



**2,100,000 sq. ft Total
Manufacturing / Warehouse Space**



**8,500 Tons of Metals, Paper,
Glass and Vinyl (Window and
Siding) Recycled Annually**

INDUSTRY ASSOCIATION

ProVia is a proud member of the Window and Door Manufacturers Association (WDMA) and American Architectural Manufacturers Association (AAMA) - leading voices in our industry. As such, we support advocacy in building code and ASTM standard arenas, quality materials, installation and design in Doors and Windows.



ACCREDITATION AND TESTING

ProVia products are voluntarily third-party tested and rated in several energy performance categories through the National Fenestration Rating Council and meet or exceed standards governed by the American Architectural Manufacturers Association.



Why Choose Vinyl

YOUR VERSATILE WINDOW SOLUTION

EcoLite™ windows are constructed of SunShield® vinyl, made with a compound proven to perform better than alternative building materials. Vinyl ensures long-lasting color retention and low maintenance, plus the added confidence of a warranty against rotting, cracking, pitting, corroding and peeling. The vinyl is resistant to rot, insect and microbial damage, never requires painting and is easy to clean.



LOW MAINTENANCE

Vinyl is the low-maintenance choice for residential use.



SUPERIOR WEATHERABILITY

The vinyl compound is uniquely formulated to withstand the harsh effects of weather, UV light and southern exposure.



COLOR RETENTION

Pharmaceutical-grade compounding and blending systems provide consistency, so you can rely on superior color and weatherability.



DESIGNED TO PERFORM

Industry partnerships and on-going research into new technologies ensure the vinyl compound exceeds industry standards, outperforms the competition, and works together to offer best-in-class technology.





WINDOW FEATURES

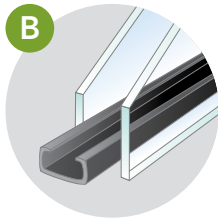


The Components



FRAME

EcoLite™ windows are constructed with a 3/4" white vinyl frame. Both the sash and frame are welded for increased strength.



GLASS PACKAGE

EcoLite windows feature a 3/4" Low E with Argon Insulated Glass (IG) Unit utilizing Intercept® Blackline Spacer.



HARDWARE

Two surface-mounted sweep locks and tilt latches are added to both lock and tilt the sashes inward.



DUAL BARRIER-FIN WEATHERSTRIPPING

This weatherstripping provides a barrier against air, water, dust and noise.



ACCESSORIES

An accessory groove is located on the interior and exterior of the window, providing a way to snap in different trim options.



ROLL FORMED SCREEN WITH BETTERVUE® MESH

This fiberglass mesh is very durable and flame retardant, providing an enhanced view, increased insect protection and improved airflow.



EXTRUDED SLOPED SILL

The sill is integrated into the window, providing a way for water to easily drain to the exterior of the home.



EXTERIOR GLAZING

The glazing bead is located on the exterior of the window to provide an overall cleaner look from the interior of the home.

PATIO DOOR FEATURES

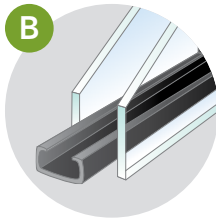


The Components



FRAME

Welded white 3 $\frac{1}{16}$ " frame with integrated nail fin and reinforced mechanical sash



GLASS PACKAGE

EcoLite patio doors feature a 1" Low E with Argon Insulated Glass (IG) Unit utilizing Intercept® Blackline Spacer with tempered glass.



HARDWARE

White, single point hardware with no keylock is standard. Handleset with keylock is optional.



SLIDING SYSTEM

Patented sliding system feature with four adjustable 1" wheels



PROFILE

Strong, multi-chamber profile with interior and exterior accessory grooves



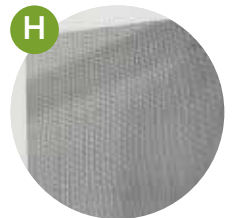
SILL

Bottom sill protector for optimal drainage



FOOTLOCK (OPTIONAL)

This secondary security feature locks the active sash at the sill in two positions: completely closed or slightly open to allow air in.



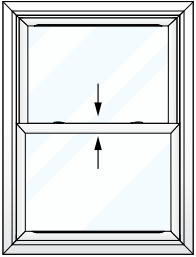
SCREEN

EcoLite patio doors feature an aluminum screen frame with bottom track operation and BetterVue® fiberglass mesh.

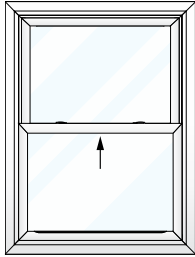
TYPES

Windows

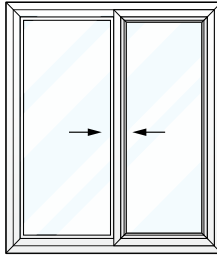
DOUBLE HUNG



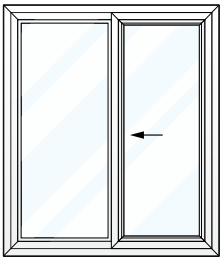
SINGLE HUNG



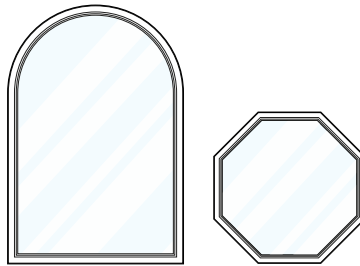
SLIDER



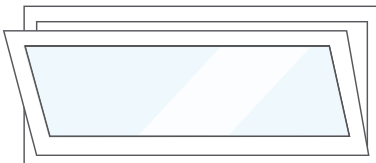
SINGLE SLIDER



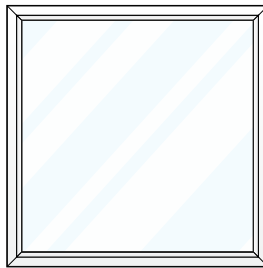
ARCHITECTURAL SHAPES



HOPPER

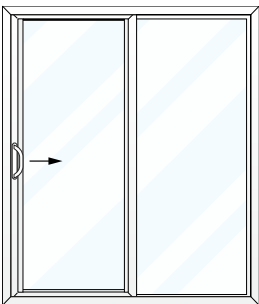


PICTURE



Patio Doors

2-LITE



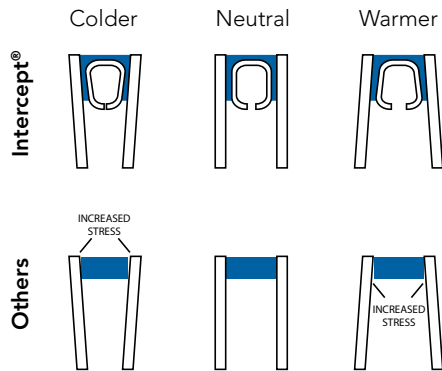
Available Sizes:
72" x 80"
60" x 80"
No Sidelites or Transoms



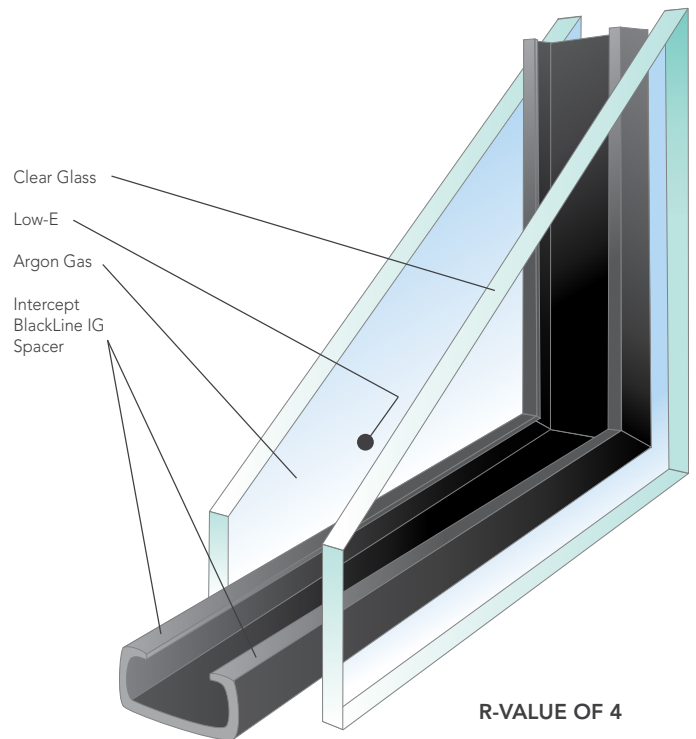
GLASS PACKAGE

Featuring Intercept Blackline IG Spacer System

EcoLite™ windows and patio doors have been independently tested and certified. An Intercept® Blackline glazing system improves thermal performance for less heat loss, warmer glass temperature and reduced interior condensation.



The Blackline spacer features a patented one-piece u-channel design offering superior flexibility with no load on sealant, virtually eliminating seal failure. The unique black coating creates an aesthetically pleasing sight line at the edge of the glass.



UNDERSTANDING THE NFRC LABEL

ecoLite 401 - Double Hung Low-E w/Argon Double Glaze - Low-E w/Argon Frame: Vinyl PRD-N-96-00053-00001	
ENERGY PERFORMANCE RATINGS	
A U-Factor (U.S.I-P) 0.30	B Solar Heat Gain Coefficient (SHGC) 0.32
ADDITIONAL PERFORMANCE RATINGS	
C Visible Transmittance 0.57	D Air Infiltration (cfm/ft²) ≤ 0.3
E Condensation Resistance 56	—
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturers literature for other product performance information. - www.nfrc.org</small>	

- A U-Factor** – Insulating value of the entire window system. Lower numbers reflect better insulating value.
- B Solar Heat Gain Coefficient (SHGC)** – Amount of heat from the sun passing through the glass. Lower numbers indicate glass is keeping heat from entering your home. SHGC is measured on a scale from 0 to 1.
- C Visible Transmittance** – Amount of visible light passing through the glass. Higher numbers indicate glass is allowing more light to enter your home. Visible transmittance is measured on a scale from 0 to 1.
- D Air Infiltration** – How much air is entering or escaping through the window. Lower numbers indicate air is kept from entering or escaping.
- E Condensation Resistance** – Amount of moisture it takes for glass to condense when exposed to extreme interior and exterior temperature changes. Higher numbers indicate better resistance to condensation. Condensation resistance is scored on a scale of 0 to 100.

For example purposes only. Numbers will vary based on the window or patio door package chosen.

PRIVACY AND TINT

Privacy Options

Choose from two different types of glass if you need light to filter in, yet want to maintain privacy. These glass styles look great in rooms where privacy is important.



Gluechip



Obscure Pebble

Actual privacy levels will vary depending on your distance from the glass and also the amount of light in the room in comparison to the light outside your home. For extra privacy, contact customer service to add an extra pane of privacy glass to your window or patio door order.

Tint Options

Tinted glass can help reduce UV transmittance, solar heat gain and glare. Tinted glass options can give a room a whole new look, providing its own unique set of benefits. Be sure to choose the right one for your home.



Clear Glass



Bronze

High visible light transmittance
Warm glow to interior décors
Complements brick and stone
Ultraviolet light protection



Green

Subdues interior brightness
High visible light transmittance



Gray

Excellent glare control
Exceptional protection against interior fabric and color fading
Ultraviolet light protection

INTERNAL GRIDS

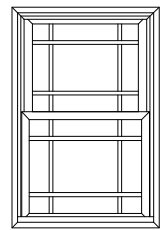
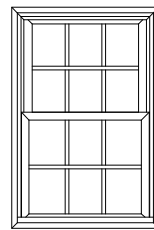
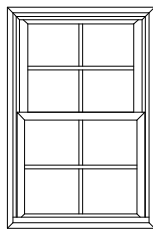
The style of grids you choose can make a big impact on your home's appearance. Grids look great on the front side of a house or in accent windows throughout the home. You can choose from several grid patterns including variations of Colonial, Cottage and Prairie styles.



Contoured



Flat



Cottage



Colonial



Prairie



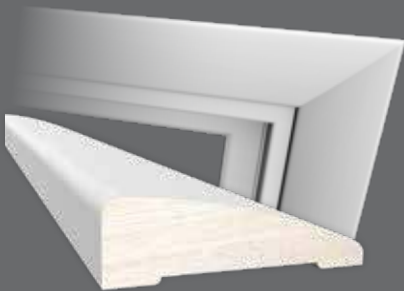
2½" Colonial Style MasterFit Trim
Painted Snow Mist White

MASTERFIT™ TRIM

Add the finishing touch to the interior of your window with the MasterFit trim system, complete with assembled frame extensions that interlock with mortise and tenon casing. The MasterFit trim system guarantees a precise, custom-fit and long-lasting factory applied finish.

See the *Special Order Casing Guide* for more casing profile options. For available paint and stain color options, refer to provia.com.

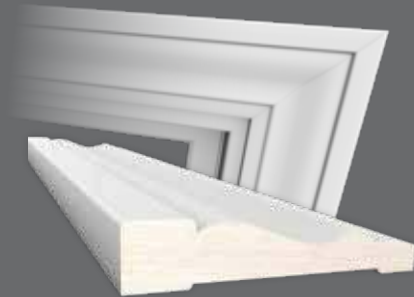
Profiles



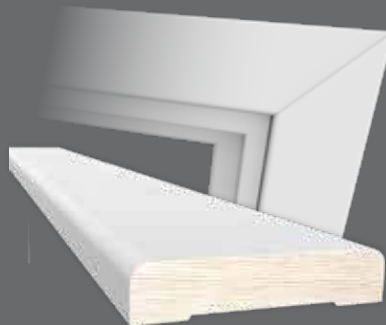
2 1/2" Modern Profile



2 1/2" Colonial Profile



3 1/2" Colonial Profile



3 1/2" Flat

Mitered casing with high quality mortise and tenon corner locking system ensures strength and durability.



Additional Trim Options



Traditional Interior Stop
1 3/8" W x 1/2" H



Jamb Extension
2 1/2", 4 1/2", or 5 1/2" W x 3/4" H



Stool
4" or 6" W x 1" H



Shoemold Interior Stop
3/4" W x 1/2" H



Rosette
3 7/8"

WARRANTY HIGHLIGHTS

This is not the complete warranty. Please read the entire warranty by scanning the QR code on the next page.



BASIC WINDOW OR PATIO DOOR UNIT - LIFETIME TRANSFERABLE

The rigid vinyl in the window or patio door is warranted against chipping, cracking, peeling, pitting, blistering or warping, for as long as you own and live in the Home in which the product was originally installed.



INTERIOR PAINT/STAIN FINISH - 10 YEAR

ProVia® further warrants the factory-applied paint or stain finish on the interior wood components against flaking, checking, blistering or peeling and defects in material and workmanship for a period of ten (10) years from date of installation. Damage to the paint or stain finish caused by condensation and normal wear are not covered.

** This is for interior wood casing and jamb extensions.*



HARDWARE - LIFETIME

ProVia further warrants the moving parts, such as balances on double-hung windows and locking mechanisms in all units, for as long as the original purchaser owns and lives in the Home in which the product was originally installed, if those parts are not free from defects in material and workmanship under conditions of normal use and wear.



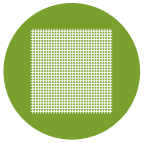
PATIO DOOR HANDLES - 1 YEAR

Patio door handles with a painted finish are warranted against flaking, checking, blistering or peeling for a period of (1) year from date of installation.



INSULATED GLASS UTILIZING INTERCEPT® SPACER - 20 YEAR

ProVia further warrants the insulated glass units utilizing Intercept spacer in its vinyl windows or patio doors against defects resulting in material obstruction of vision as the result of film formation between the interior glass surfaces caused by failure of the air-tight seal, for a period of twenty (20) years from date of installation. Small spots, marks, lint, and scratches not exceeding applicable glass manufacturing specifications imposed by Federal Specification 1036-90 will not constitute defects under this warranty.



SCREENS - LIFETIME

Further, ProVia will replace under conditions of normal use, for as long as the original purchaser owns and lives in the Home in which the product was originally installed, the fiberglass, aluminum or SeeVue stainless steel screening if it is not free from rotting, staining, or rusting.



NON-RESIDENTIAL & MULTI-FAMILY APPLICATIONS

Where the structure in which the product is installed is not a single family residence occupied by the purchaser, or is owned by a public or private corporation for profit or non-profit, an unincorporated association or other business entity of any type recognized by law, a church, a school, a governmental or public authority, the time periods stated in this warranty shall be limited as follows: Basic Window or Patio Door Unit – 5 Year (non-transferable); Hardware - 1 Year; Insulated Glass – 10 Year (glass breakage not included); Internal Blinds – 5 Year; Screens – 5 Year; and Finishes – 1 Year.



COASTAL APPLICATIONS

For products that are installed in a Coastal region the time periods stated in this warranty shall be limited as follows: Non stainless steel hardware mechanisms in Casement Window & Patio Door units - 5 year mechanical warranty; Aged Bronze, Bright Brass or Satin Nickel Patio Door Handles – 10 Year Finish. Definition of Coastal Regions: For information and maps of Coastal regions please go to www.provia.com/coastalwarranty.



View the Complete
Warranty on
provia.com



"To serve, by caring for details in ways others won't." It's not just our mission, but a way of letting our light shine every day at ProVia®. We continually strive to put these words into action by providing unmatched quality and service. The P-icon symbolizes each employee's commitment to devoting the utmost care, pride and quality into each building product we manufacture...it's The Professional Way.



At ProVia, we manufacture energy efficient products and exercise corporate environmental stewardship by recycling, reducing pollution emissions and much more. In fact, our company has received repeated awards from the Environmental Protection Agency such as Partner of the Year - Sustained Excellence for outstanding efforts in energy savings.



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P-MK-02700-24 | 11/23

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